

CHAPTER 8. AIRCRAFT NAVIGATOR CERTIFICATES

SECTION 1. GENERAL

625. APPLICABILITY. This chapter contains the necessary information, direction, guidance, and procedures to be used by inspectors and examiners for the conduct of aircraft navigator certification.

627. ELIGIBILITY. The eligibility requirements for an aircraft navigator are listed in subpart C of Federal Aviation Regulations (FAR) Part 63. Inspectors should have applicants submit the following documentation for the practical flight test:

- AC Form 8080-2, "Airman Written Test Report"
- Second-class medical certificate (issued within the last 12 months)
- Logbooks verifying flight time
- Evidence substantiating compliance with FAR § 63.55 or a statement of graduation from an aircraft navigator course

NOTE: An applicant who meets the special circumstances described in FAR § 63.57(b) does not need to present Advisory Circular (AC) Form 8080-2 before taking the navigator practical flight test.

629. APPLICATION PHASE. The inspector should have the applicant complete an Federal Aviation Administration (FAA) Form 8400--3, "Application for an Airman Certificate and/or Rating." This form includes the application for the flight test. The "Instructor's Recommendation" block in section 7 of the form does not have to be completed if the inspector or examiner evaluating the applicant determines that the applicant meets the requirements of FAR §§ 63.51, 63.53, and 63.55.

631. INDIVIDUALS QUALIFIED TO CONDUCT AIRCRAFT NAVIGATOR FLIGHT TESTS. The aircraft navigator flight test must be conducted by an operations inspector who currently holds an aircraft navigator certificate. Regional offices that do not have qualified inspectors should contact Flight Standards District Office (FSDO)-13 in the Western Pacific Region or FSDO-15 in the Eastern Region for assistance.

633. CONDUCT OF WRITTEN TEST. Inspectors must have an applicant take the written test before

that applicant can be administered the flight test. The exception to this process would be when an applicant fits into the circumstances described in FAR § 63.57(b).

635. CONDUCT OF ORAL TEST.

A. Purpose. The purpose of the oral test is for the inspector to determine the applicant's familiarity with the equipment to be used during the flight test. The inspector should not instruct the applicant on the use of the equipment.

B. Content. During the oral test, the inspector should examine the applicant on basic navigational techniques. The applicant should demonstrate to the inspector that the applicant has adequate knowledge of air communications and navigation regulations relating to aircraft position reporting and variances from planned flight routes. The inspector should also determine if the applicant is familiar with the organized track system in the North Atlantic and Pacific composite separation schemes.

637. CONDUCT OF FLIGHT TEST. The inspector may conduct the flight test on a scheduled or nonscheduled flight. If possible, the inspector should have the flight test conducted over water. Passengers, cargo, or both, may be carried during the flight test if a fully qualified aircraft navigator is a flight crewmember and if the flight route requires an aircraft navigator. The inspector must ensure that the applicant has provided a suitable, properly equipped aircraft for accomplishing the flight test, and, finally during the test, the inspector must measure the applicant's skill in the following:

- Flight planning
- Dead reckoning
- Celestial navigation
- Raw data LORAN C navigation
- Use of absolute altimeter

NOTE: Navigational systems which have the capability of performing tasks such as automating fixes and estimating ground speed should not be used during the flight test.

639. DISPOSITION AND ISSUANCE OF FAA FORM 8060-4, "TEMPORARY AIRMAN CERTIFICATE" OR FAA FORM 8060-5, "NOTICE OF DISAPPROVAL OF APPLICATION."

A. *Unsuccessful Applicant.* If an applicant is not successful in completing the written or oral test, the inspector shall issue the applicant an FAA Form 8060-5, "Notice of Disapproval of Application." The inspector shall then send a copy of the FAA Form 8060-5 and a copy of the applicant's FAA Form 8400-3, "Application for an Airman Certificate and/or Rating," to the Airman Certification Branch, AFS-760, in Oklahoma City.

B. *Successful Applicant.* If the applicant has successfully completed the written test and the flight test, the inspector shall issue the applicant an FAA Form 8060-4, "Temporary Airman Certificate."

(1) After the applicant has received notice of having satisfactorily completed the written test, the applicant should present the following documents to the inspector:

- FAA Form 8400-3, "Application for an Airman Certificate and/or Rating"
- AC Form 8080-2, "Airman Written Test Report"
- FAA Form 8060-5, "Notice of Disapproval of Application," if applicable

(2) After the applicant has presented the documents, the inspector shall issue the applicant an FAA Form 8060-4, "Temporary Airman Certificate." The inspector must date the certificate with the date in

which the applicant has satisfactorily completed all of the requirements for the certificate. The inspector shall then send a copy of the applicant's FAA Form 8060-4 to the Airman Certification Branch, AFS-760, in Oklahoma City.

NOTE: An applicant applying under the circumstances described in FAR § 63.57(b) who has satisfactorily completed the test, will not be issued a temporary certificate. In this case, the inspector should enter in Item 9 of FAA Form 8400-3 the following statement: "Application made under the provisions of FAR § 63.57(b). Temporary Airman Certificate not issued."

641. APPLICANTS UNDER 21 YEARS OF AGE.

When an applicant, under 21 years of age, has successfully passed the written and flight tests for the aircraft navigator certificate, the inspector should issue the applicant a letter of aeronautical competency. The inspector should inform the applicant that the applicant should retain the original letter of aeronautical competency. Once the applicant has reached 21 years of age, the applicant may present the letter of aeronautical competency and a current second-class medical certificate and obtain an FAA Form 8060-4, "Temporary Airman Certificate." The inspector shall then forward the applicant's original letter of aeronautical competency, original FAA Form 8400-3, "Application for an Airman Certificate and/or Rating," and a copy of the applicant's FAA Form 8060-4 to the Airman Certification Branch, AFS-760, in Oklahoma City.

642. -652. RESERVED.

[PAGES 5-431 THROUGH 5-440 RESERVED]